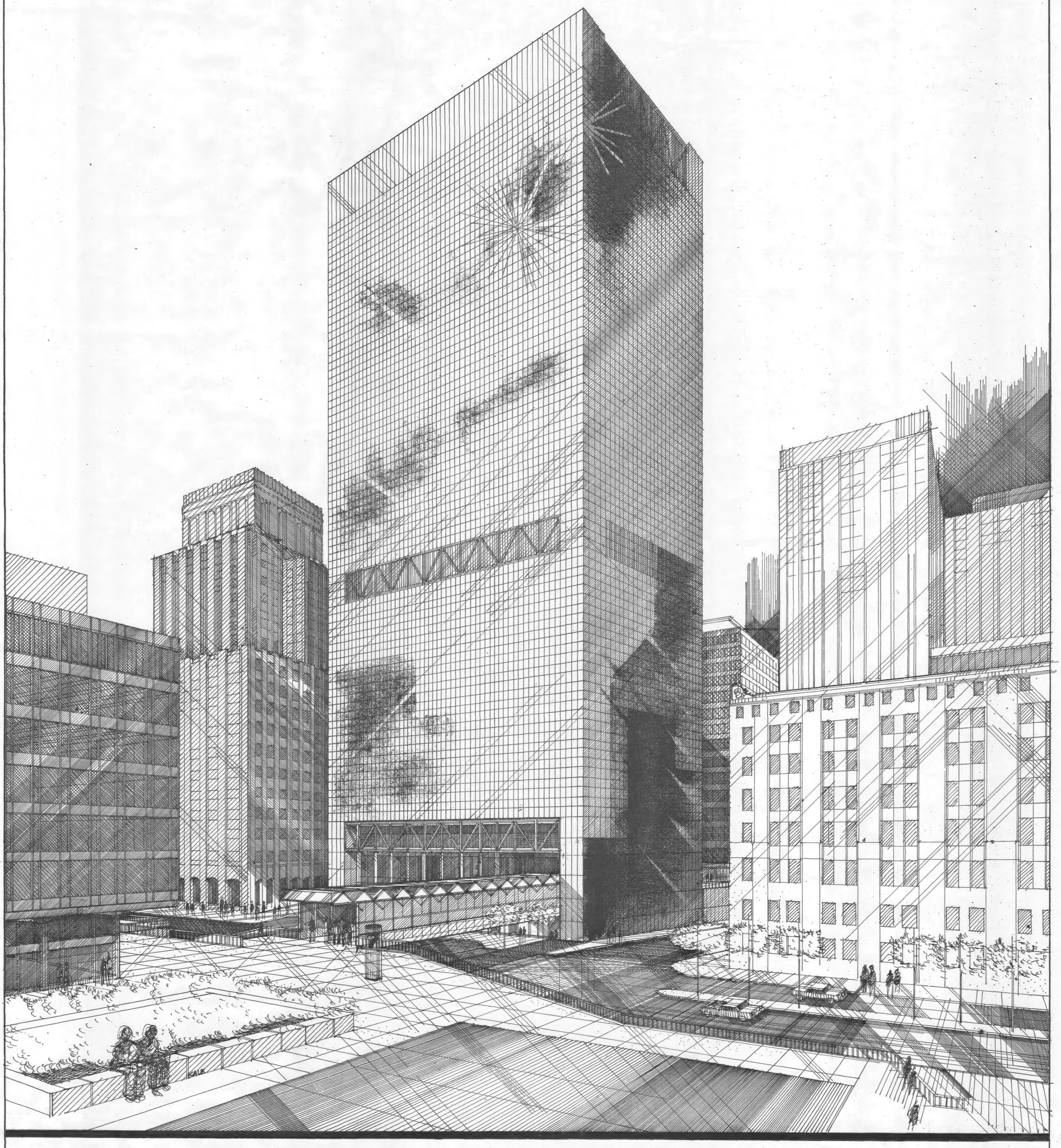
WTCI-3-SOM



7 WORLD TRADE CENTER

NEW YORK NY

SILVERSTEIN PROPERTIES

EMERY ROTH SONS PC
ARCHITECTS NEW YORK

General View

DATE
MARCH 31, 1981

01

WTC1-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0" BLDG

#16
- ADD CHILLED WATER PLANT
- 18000 TON CAPACITY
- CH. WATER RISERS UP THRU FLOOR 23

4 - 12" ø CHILLED WATER LINES (LOCATION TO BE DETERMINED)

CHILLER 2

#13 OUTSIDE AIR VENTILATION UNIT
- (FORCED AIR)
- ADDITIONAL UNIT LOCATED ON ROOF

STAIR #7 CONTINUED

POTENTIAL HALON TANK CENTRALIZATION
- STRUCTURAL LOADING IMPACT

RELOCATED TEL. CLOS'A'

BUILDING STORAGE

SWGR #1

SWGR #7

SWGR #3

#24 INCREASE 1600A SERVICE TAKE-OFF

INCREASE 2000A SERVICE TAKE-OFF

#24 #25
BACKUP POWER UPGRADE
- FIELD MODIFY & DRIVE 100KW GENERATORS TO 1250 KW EACH
- ADD 3 1750 KW SCR'S w/PARALLELING SWITCHGEAR
- REVIEW STRUCTURAL IMPACT

TOTAL (3) = 21,120 LBS (DRY WEIGHT)

LOCATION WILL ADD 5000 LBS TO BELOW OF TWO EXISTING UNITS

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

740'-9" BLDG

740'-10⅝" LOT

FIRE DETAILS

PILOT PLAN AT COL. 6

NOTES
1. PROVIDE 3" SPACE CEMENTITIOUS FIREPROOFING AND TURN UP TO ALL VERTICAL SURFACES.
2. FOR SLAB EDGE & FLOOR OPENING SEE ARCH. FOR FINISH SLAB THICKNESS. SEE STRUCT. DWGS. FOR FINAL LOCATION OF NO. SEE ARCH. FOR CONSTRUCTION DETAILS.
3. FIREPROOFING SHALL BE CONTINUOUS AT PIPE CROSSING THRU MASONRY PARTITIONS.

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) REF SK-1.1 SHEET FOR TYPICAL NOTES & VERIFICATION STATEMENTS TO ALL PLANS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY CORE BUILDING ARCHITECTS & ENGINEERS.
3) ALL ADDITIONS ARE IN PROGRESS OF THE PRELIMINARY RENOVATION PHASE.

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Park Avenue, New York, N.Y. 10016

5TH FLOOR PLAN
5TH FLOOR(S) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

Project No. 8705.500
Sheet No. SK-5

WTCI-3-SOM

BARCLAY STREET

360'-10⅝" LOT

PROPERTY LINE

339'-0⅝" BLDG

#14
KITCHEN EXHAUST
- 80 SQ. FT TOTAL
- FLOORS 5 THRU 8
- (SLAB OPENING @ C.6.17)
- EXTEND WALL TO M.E.R. TO COMPENSATE FOR ELEVATOR SHAFT AREA LOAD
RELOCATED TBL. Cl. "A"

P.B.X. ROOM - TBL. SWITCH.
- ± 5000 SQ. FT. @ 100 P.S.F.
- ± 500 SQ. FT @ 250 P.S.F. (BATTERIES)

ELECTRICAL SWITCHBOARD ROOM
FIN. FL. EL. +376'-0"
RISE EL. OF SLAB +378'-0"
VENT. N.R.

#25
ADD MEZZANINE
- ± 100 P.S.F.
- SLAB OR GRATING

NOTES:
1. PLENUM "I" FOR CON. ON UNDERSIDE SLAB AND TOP OF 8"ø ALL VERTICAL SLEEVES.
2. FOR EXACT SIZE & LOCATION OF SLEEVES SEE FINAL SHOP DRWG. CONSTRUCTORS DWGS.
3. FOR FINAL LOCATION OF R.O. SEE HVAC CONTRACTORS DRWG.
4. PROVIDE CAULK OVER ALL DUCT & PIPE OPENINGS THRU MASONRY PARTITIONS.

VESEY STREET

+ SLOPING COLUMNS - FOR LOCATION SEE STRUCTURAL DRAWING

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) SEE SK-1.1 & SK-1.0 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY CASE BUILDING ARCHITECTS & ENGINEERS.
3) ALL SKETCHES ARE IN PROGRESS & FOR PRELIMINARY INFORMATION ONLY.

No.	Date	Revision

© Skidmore, Owings & Merrill, 1986

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
470 Fifth Avenue, New York, N.Y. 10018

6TH FLOOR PLAN
6TH FLOOR(S) SHOWN
PRELIMINARY
BASE BUILDING MODIFICATIONS

Date: 15 JUNE 87	Project No.: 9078.09
Dwn. By: TW/AP	Sheet No.: SK-6
Scale: 1/8"=1'-0"	PRINT SIZE FOR SCALE: A-1/2

WTCI-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0½" BLDG.

#11
CAFETERIA - 8TH FLOOR
- 100 P.S.F. LIVE LOADING (ENTIRE FLOOR)
- POTENTIAL HEAVIER POINT LOADS

#18
ADD DEDICATED WASTE STACK
- 5" LINE FROM 8TH FL CAFETERIA

KITCHEN EXHAUST SEE SK-6

#1
ADD ELEVATORS
- EXPRESS RM, 3 TO 8

#19
ADD GAS RISER
- METER RM TO 8TH FL P.S.
- 8TH FLOOR TO 45TH FL. = 4"

#5
ADD SUPPLEMENTAL STAIR
- 2 UNITS, FLOOR 6 TO 7 ONLY
- RATED CORRIDOR ENCLOSURE

OFFICE SPACE
SUSP. CLG. 12'-0"
NEW W.S.T.F. ONLY

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) SEE SK-1, SK-2, SK-3 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FIELD DIMENSIONS & CONDITIONS TO BE COORDINATED BY BASE BUILDING ARCHITECTS & ENGINEERS.
3) ALL DIMENSIONS ARE IN PROGRESS & FOR PRELIMINARY INFORMATION ONLY.

© Skidmore, Owings & Merrill, 1986

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10016

7TH-13TH FLOOR PLAN
7TH-18TH FLOOR(S) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

SK-7

WTCI-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0½" BLOCK

#8
COMPUTER/DATA PROCESSING
- GENERALISED FLOOR REINFORCING
- 13TH & 14TH FLOORS (ENTIRE)
- ± 100 P.S.F. (L.L.) + RAISED FLOOR
- HALON STORAGE REQUIREMENTS

TRADING SUPPORT EQUIPMENT ROOM
- BALANCE OF 15TH FLOOR (SEE BATTERY & P.B.X. ROOM)
- GENERALISED FLOOR REINFORCING
- ±100 P.S.F. (L.L.)
- HALON STORAGE REQUIREMENTS

#10
PAPER STORAGE
- ± 1000 SQ. FT.
- ± 200 P.S.F. (L.L.)
- @ 13TH OR 14TH FL. ONLY

#10
BATTERY ROOM
- ± 900 SQ. FT.
- ± 250 P.S.F. (LIVE LOADING)
- 15TH FL ONLY

COMM. CL. #2 (SEE SK-7)

COMM. CL. #1 (SEE SK-9)

STAIR #1

STAIR #2

ELEC. CL.

TEL. CL.

COMM. CL.

VEST.

JAN. CL.

MEN

WOMEN

POWER RM.

FAN RM.

PIPE SHAFT

T.C. SHAFT

SHAFT

ELEVATOR LOBBY

ELEV. MACH. & C.T.V. FOR 13TH & 14TH FLOORS

ELEV. MACH. RM. FOR 13TH & 14TH FLOORS

SHAFT ENCLOSURE & 13TH FLOOR ONLY. FOR EXTENT SEE SHT. 3-6

FIRE HOSE CAB.

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

340'-10⅝" LOT

266'-9" BLOCK

266'-10⅝" LOT

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) SEE SK-9.1 & SK-10 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY BASE BUILDING ARCHITECTS / ENGINEERS.
3) ALL SKETCHES ARE IN PLANNING & FOR PRELIMINARY INFORMATION ONLY.

No.	Date	Revision

© Skidmore, Owings & Merrill, 1989

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

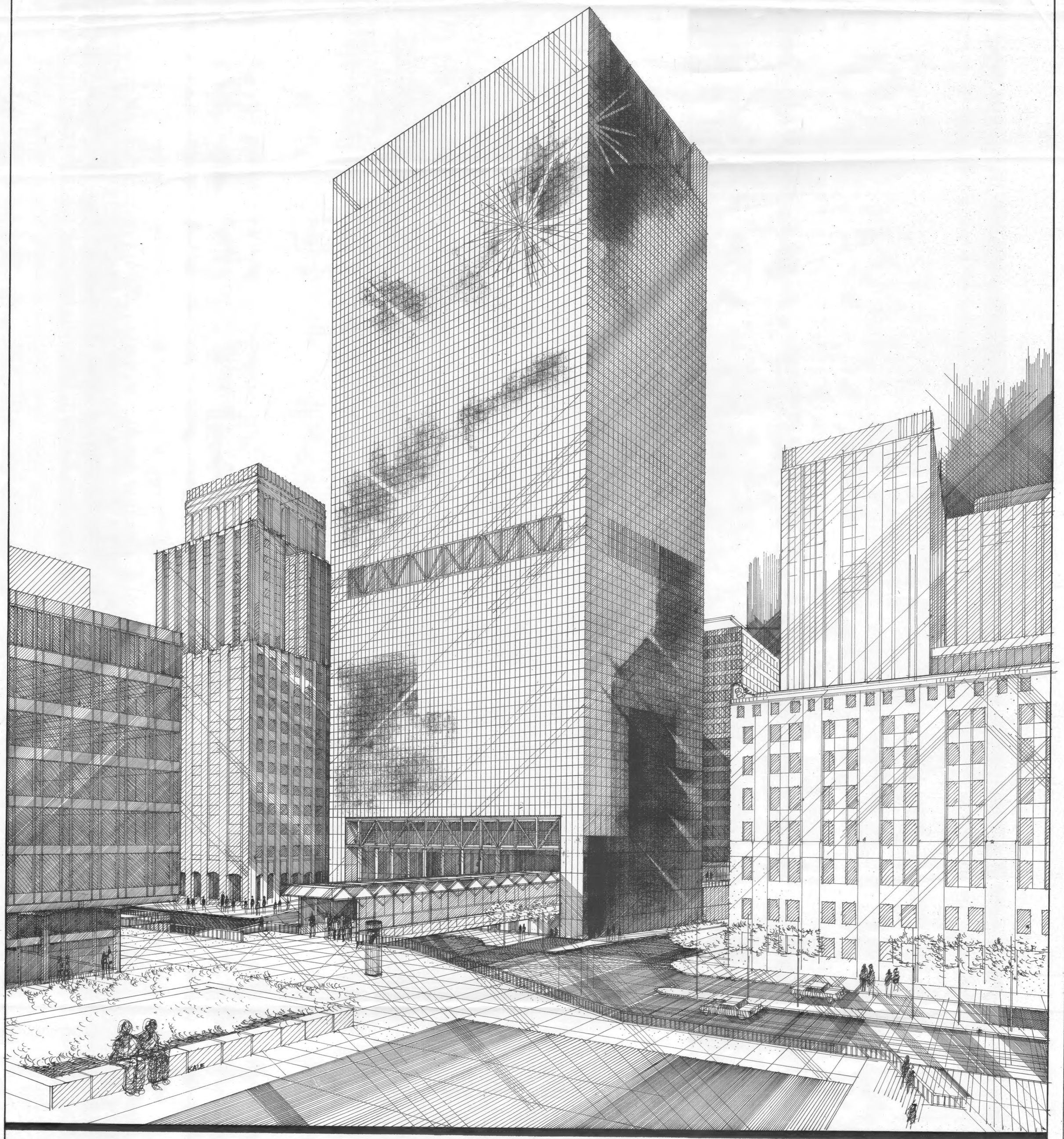
FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10017

14TH-16TH FLOOR PLAN
13TH-15TH FLOOR(S) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

Date 25 JULY 89	Project No. 0702-000
File/Rev.	Sheet No. SK-8
Drawn TP/AP	
Scale 1"=1'-0"	

WTCI-3-SOM



7 WORLD TRADE CENTER

NEW YORK N Y

SILVERSTEIN PROPERTIES

EMERY ROTH SONS PC
ARCHITECTS NEW YORK

General View

DATE
MARCH 31, 1981

01

WTCI-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0" BLDG

#16
- ADD CHILLED WATER PLANT
- 18000 TON CAPACITY
- CH. WATER RISERS UP THRU FLOOR 23

4 - 18"ø CHILLED WATER LINES (LOCATION TO BE DETERMINED)

CHILLER 2

POTENTIAL HALON TANK CENTRALIZATION
- STRUCTURAL LOADING IMPACT

RELOCATED TEL. CLOS "A"

BUILDING STORAGE
F.M.R. EL. [-353'-0"]
T.O.S. EL. [-362'-0"]
SUMP CLG. EL. 19

#13 OUTSIDE AIR VENTILATION UNIT
- (FORCED AIR)
- ADDITIONAL UNIT LOCATED ON ROOF

STAIR #2 CROSSOVER

SWGR #1

SWGR #2

SWGR #3

#24 INCREASE 1600A SERVICE TAKE-OFF

INCREASE 2000A SERVICE TAKE-OFF

TOTAL (2) = 29,120 LBS (DRY WEIGHT)

#24 #25
BACK UP POWER UPGRADE
- FIELD MUNIPT & EXIST. 900 KW GENERATORS TO 1250 KW EACH
- ADD 3 1750 KW SETS W/ PARALLELING SWITCHGEAR
- REVIEW STRUCTURAL IMPACT

NOTES:
1. PROVIDE 3/4" PLYWOOD BACKING AT ALL WALLS AND TURN UP 8" ON ALL VERTICAL SURFACES.
2. FOR EXACT SIZE & LOCATION OF CURB, SLAB OPENINGS FOR EQUIP. SEE HVAC DIMENSIONAL DWGS.
3. FOR FINAL LOCATION OF P.O. SEE TYPICAL CONSTRUCTION DETAILS.
4. PROVIDE WATER TIGHT ALIGNMENT FOR OPENINGS THRU MASONRY PARTITIONS.

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

PART PLAN AT COL. "A"
SCALE: 1/4"=1'-0"

VIEW DETAILS A, B, C

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES
1) FOR SK-1 & SK-2 FOR TYPICAL NOTES & MISCELLANEOUS MARKINGS TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY OTHER BUILDING ARCHITECTS & ENGINEERS.
3) ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.

No.	Date	Revisions
		© Skidmore, Owings & Merrill, 1988

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10017

5TH FLOOR PLAN
5TH FLOOR(S) SHOWN
PRELIMINARY
BASE BUILDING MODIFICATIONS

15 JULY 88	Project No. 8705.500	
Scale: 1/8"=1'-0"	Sheet No. SK-5	
11 JULY 88	Drawing No. 8705.500.SK-5	
10-1-2	Drawing No. 8705.500.SK-5	

WTCI-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

379'-0" BLDG

#14 KITCHEN EXHAUST
- 80 SQ. FT TOTAL
- FLOORS 5 THRU 6
- (GRILL OPENINGS @ 6'-0")
- EXTEND WALL TO M.E.R. TO CONTINUATE PER ELEVATOR SHAFT NEW LOWS
RELOCATED TBL. CL. 'A'

P.B.X. ROOM - TBL. SWITCH
- ± 5000 SQ.FT. @ 100 P.S.F.
- ± 500 SQ.FT @ 250 P.S.F. (BATTERIES)

#25 ADD MEZZANINE
- ± 100 P.S.F.
- SLAB OR GRATING

ELECTRICAL SWITCHBOARD ROOM

NOTES:
1. PROVIDE 3" REINF. CONC. FILL OVER WIRED FLR. AND TURN UP 6" @ ALL VERTICAL SURFACES
2. FOR EXACT SIZE & LOCATION OF SHAFT OPNG. SEE STRUCTURAL DRWGS.
3. FOR FINAL LOCATION OF M.D. SEE MECH. CONTRACTORS DRWGS.
4. PROVIDE LINTELS OVER ALL DUCT & PIPE OPENINGS THRU MASONRY PARTITIONS.

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

* SLOPING COLUMNS - FOR LOCATION SEE STRUCTURAL DRAWINGS

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES:
1) SEE SK-9.1 & SK-10 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.
2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY CASE BUILDING ARCHITECTS & ENGINEERS.
3) ALL SKETCHES ARE IN PROGRESS & FOR PRELIMINARY INFORMATION ONLY.

No.	Date	Revision
© Skidmore, Owings & Merrill, 1986		

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10016

6TH FLOOR PLAN
6TH FLOOR(6) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

Date: 15 JULY 86	Project No.: 9078.000
TC/Dwg:	Sheet No.: SK-6
Drawn by: TW/AF	Plot Scale: 1/16"=1'-0"

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0¼" BLDG.

#11
CAFETERIA - 8TH FLOOR
- 100 P.S.F. LIVE LOADING (ENTIRE FLOOR)
- POTENTIAL HEAVIER POINT LOADS

#18
ADD DEDICATED WASTE STACK
- 5" LINE FROM 8TH FL CAFETERIA

KITCHEN EXHAUST SEE SK-6

#1
ADD ELEVATORS
- EXPRESS RUN, 3 TO 8

#19
ADD GAS RISER
- METER RM TO 8TH FL = 5"
- 8TH FLOOR TO 45TH FL = 4"

#5
ADD SUPPLEMENTAL STAIR
- 2 UNITS, FLOOR 6 TO 7 ONLY
- RATED CORRIDOR ENCLOSURE

OFFICE SPACE
SPRK. CLG. (9'-0")
HEAT. W.R. @ 7TH FL. ONLY

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

240'-10⅝" LOT

240'-9" BLDG.

WTCI-3-SOM

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES

1) SEE SK-3 & SK-4 FOR TYPICAL NOTES & SPECIFICATIONS PERTINENT TO ALL FLOORS.

2) ELEV. DIMENSIONS & LOCATIONS TO BE COORDINATED BY BASE BUILDING ARCHITECTS & ENGINEERS.

3) ALL DIMENSIONS ARE IN PRELIMINARY & PRELIMINARY INFORMATION ONLY.

No.	Date	Revision
© Skidmore, Owings & Merrill, 1986		

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10017

7TH-13TH FLOOR PLAN
7TH-18TH FLOOR(S) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

10 JAN 86	
	SK-7

WTCI-3-SOM

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

329'-0½" BLDG.

PROPERTY LINE

WASHINGTON STREET

WEST BROADWAY

VESEY STREET

#8
COMPUTER/DATA PROCESSING
- GENERALIZED FLOOR REINFORCING
- 15TH & 14TH FLOORS (ENTIRE)
- 3100 P.S.F. (L.L.) + RAISED FLOOR)
- HALON STORAGE REQUIREMENTS

TRADING SUPPORT EQUIPMENT ROOM
- BALANCE OF 15TH FLOOR (SEE BATTERY & P.B.X. ROOM)
- GENERALIZED FLOOR REINFORCING
- 3100 P.S.F. (L.L.)
- HALON STORAGE REQUIREMENTS

#10
PAPER STORAGE
- ± 1000 SQ. FT.
- ± 200 P.S.F. (L.L.)
- @ 13TH & 14TH FL. ONLY

#10
BATTERY ROOM
- ± 900 SQ. FT.
- ± 250 P.S.F. (LIVE LOADING)
- 15TH FL ONLY

COMM CL # 2 (SEE SK-9)

COMM CL # 1 (SEE SK-9)

STAIR #1

STAIR #2

ELEC. CL.

TEL. CL.

COMM. CL.

V.E.S.T.

JAN. CL.

MAN

WOMEN

FAN RM.

PIPE SHAFT

T.E. SHAFT

ELEVATOR OVERRUN

SHAFT

246'-9" BLDG.

246'-10⅜" LOT

DREXEL BURNHAM LAMBERT

KEY PLAN
7 WORLD TRADE CENTER

NOTES

1) SEE SK-1 & SK-10 FOR TYPICAL NOTES & MODIFICATIONS PERTAINING TO ALL FLOORS.

2) FINAL DIMENSIONS & LOCATIONS TO BE COORDINATED BY BASE BUILDING ARCHITECTS & ENGINEERS.

3) ALL SKETCHES ARE IN PREPARED FOR PRELIMINARY NEGOTIATION ONLY.

No	Date	Revision

© Skidmore, Owings & Merrill, 1986

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10017

14TH-16TH FLOOR PLAN
15TH-15TH FLOOR(S) SHOWN

PRELIMINARY
BASE BUILDING MODIFICATIONS

Date: 15 JULY 86	Project No.: 9078-000
Drawn by: TY/AP	Sheet No.: SK-8
Scale: 1/16"=1'-0"	Drawing Name: FLOOR PLAN 14TH & 16TH